CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1873-74.

FOUNDED A. D. 1770.

NEW BRUNSWICK, N. J.:
TERHUNE & VAN ANGLEN'S PRESS, 31 ALBANY STREET.
1873.

TRUSTEES.

EX-OFFICIO.

His Excellency, JOEL PARKER, Freehold,

Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton,

Chief Justice of the State of New Jersey.

Hon. ROBERT GILCHRIST, Jersey City,

Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. WM. H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswiek,	Sept. 16, 1862
*WILLIAM VAN DEURSEN, M.D.,	New Brunswiek,	Nov. 14, 1823
Hon. PETER D. VROOM, LL.D.,	Trenton,	Ju y 15, 18.8
Hon. A. B. HASBROUCK, LL.D.,	Kingston, N. Y.,	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
*Hon. PETER VREDENBURG,	Freehold,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
*J. ROMEYN BRODHEAD, LL.D.,	New York City,	April 12, 1853
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Po'keepsie, N. Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N. Y.,	July 27, 1853

*Deceased.

NAMES.	RESIDENCES.	DATE OF ELECTION.
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Rev. THOMAS C. STRONG, D.D.,	Ithaca, N. Y.,	June 29, 1858
Hon. JOSEPH P. BRADLEY, LL.D.,	Wash'ton, D. C.,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N. Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,	Po'keepsie, N.Y.,	April 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New York City,	June 17, 1868
Rev. JOACHIM ELMENDORF, D.D.,	Albany, N. Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N. Y.,	April 14, 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869
JAMES W. SCHERMERHORN, Esq.,	New York City,	Feb. 7, 1871
WILLIAM C. FOWLER, Esq.,	Brooklyn, N. Y.,	April 13, 1871
SAMUEL SLOAN, Esq.,	New York City,	June 20, 1871
GEORGE C. LUDLOW, Esq.,	New Brunswick,	June 17, 1873
Hon. WILLIAM A. NEWELL,	Allentown,	June 17, 1873
Rev. ISAAC S. HARTLEY,	Utica, N. Y.,	June 17, 1873
*Hon. A. O. ZABRISKIE,	Jersey City,	June 17, 1873

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board*,
New Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer*,
Office—39 Albany Street, New Brunswick.

PETER THOMAS, *Janitor.*

*Deceased.

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,

(PRESIDENT)

THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,

(VICE-PRESIDENT)

Professor of Chemistry, Natural History, and Agriculture.

REV. DEWITT TEN BROECK REILEY, A.M.,

Professor of the Latin Language and Literature, and Rector of the Grammar School.

DAVID MURRAY, A.M., PH.D.,†

Professor of Mathematics, Natural Philosophy, and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, D.D.,

COLLEGIATE CHURCH *Professor of Rhetoric, Logic, and Mental Philosophy.*

REV. JACOB COOPER, D.C.L.,

Professor of the Greek Language and Literature.

JOHN CONOVER SMOCK, A.M.,

Professor of Mining and Metallurgy.

†Absent by permission.

GEORGE W. ATHERTON, A.M.,

VOORHEES *Professor of History, Political Economy, and Constitutional Law;—and Military Superintendent.*

REV. CARL MEYER, D.D.,

Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A. M.,

Professor of Analytical Chemistry.

EDWARD A. BOWSER, M. S., C. E.,

Professor of Mathematics and Engineering.

ISAAC EDGAR HASBROUCK, A. M.,

Adjunct Professor of Mathematics and Graphics.

CHARLES G. ROCKWOOD, A. M., PH.D.,

Professor of Mathematics, Natural Philosophy, and Astronomy.

JAMES KENNEDY BARTON, B. S., C. E.,

Tutor in Mathematics.

GEORGE W. ATHERTON, A. M.,

Librarian.

ISAAC EDGAR HASBROUCK, A. M.,

Assistant-Librarian.

Catalogue of Students During the Year

Ending January 1, 1874.

Senior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
William Bogardus Berry,	Montclair.	54 Schureman St.
†Parker J. Bixby.	New York City.	109 Neilson St.
William H. Bradley.	Washington, D. C.,	96 George St.
Ralph Watson Brokaw.	Somerset, Kansas,	Middlebush.
Ephraim Cutter,	Woodbridge.	Woodbridge.
Charles Davis.	Saugerties, N.Y..	54 Schureman St.
Titus Elwood Davis.	Barrytown, N.Y.,	13 Hertzog Hall.
J. V. DeMott,	Middlebush.	41 Schureman St.
Joseph Rankin Duryee.	Newark.	Newark.
Howard Newton Fuller,	New Baltimore, N. Y.,	41 Sch'n St.
Perry James Fuller,	New Baltimore, N. Y.,	41 Sch'n St.
William Frederick Gaston.	Passaic.	49 Schureman St.
Harry Latimer Janeway,	New Brunswick.	Pinehurst.
Charles H. T. Kruger,	Hoboken,	66 Schureman St.
George DeWitt Lydecker,	Nyack Turnpike. N. Y..	41 H. Hall.
John Richard Manley,	New Brunswick,	98 Somerset St.
Charles Augustus Meyer,	New Brunswick,	Easton Ave.
Theodore Denton Mills,	Port Jervis, N.Y.,	49 Sch'n St.
John Oppie.	Griggstown,	20 Richmond St.

†Partial.

NAMES.	RESIDENCES.	ROOMS.
Ed. Trenchard Price,	Ramsey's,	
Isaac Pumyea,	New Brunswick,	Three-Mile Run.
Charles Augustus Runk,	Elizabeth,	Elizabeth.
Louis H. Schenck,	Neshanic,	78 Bayard St.
John Welch Searing,	Saugerties, N. Y.,	31 Paterson St.
Peter Davis Staats,	Raritan,	41 Schureman St.
William Stoddard,	New Brunswick,	100 George St.
Alan Hartwell Strong,	New Brunswick,	Hamilton Ave.
David Mather Talmage,	Amoy, China,	Middlebush.
Alex. B. Vandervoort,	Millstone,	Millstone.
Amos Van Etten, Jr.	Port Jervis, N.Y.,	49 Schureman St.
John Newton Wyckoff.	White House,	76 Bayard St.

Junior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
Frank Elwood Ackerman,	Brooklyn, N. Y.,	56 Schureman St.
John Haring Ackerman,	Spring Valley,	46 New St.
William Frederick Anderson,	E. Greenbush, N.Y.,	Livingston Ave.
Robert Barr,	Paterson,	21 Hertzog Hall.
Charles S. Bloomfield,	Uniontown,	Uniontown.
Howard Gillespy,	Saugerties, N. Y.,	45 French St.
Walter Timothy Griffin,	Barrytown, N. Y.,	23 Hertzog Hall.
Hendrick A. Hendrickson,	Queens, N. Y.,	Prof. Reiley's.
James Kemlo,	Brooklyn, N. Y.,	30 Hertzog Hall.
Walter Kip,	Passaic,	Cor. Kirkpatrick & Pater'n.
Henry Kipp,	Passaic,	Left College.
Louis John Lockwood,	New Brunswick,	56 Church St.
William Augustus Newell, Jr.,	Allentown,	Cor. Kirkpatrick & Pat.
John Philip Bausman Pendleton,	New Brunswick,	Hamilton St.
Frank Moyer Peters,	Newark,	Left College.
Philetus Theodore Pockman,	E. Greenbush, N.Y.,	Livingston Ave.
William Hall Quick,	Farmer Village, N. Y.,	78 Bayard St.
John H. Salisbury,	Catskill, N. Y.,	45 French St.
John Preston Searle,	Wyckoff,	46 New St.
Francis Page Slade,	Jersey City,	Left College.
John J. Snyder,	Saugerties, N. Y.,	74 Bayard St.
James G. Sutphen,	Millstone,	13 Morris St.
Thomas Delano Swift,	New Brunswick,	54 George St.
John Jacob Van Nest,	Millstone,	Left College.
Oliver Harris Walser,	New Brighton, N.Y.,	44 Hertzog Hall.
William Perry Watson,	Warrensburg, N. Y.,	56 Church St.
William Henry H. Way,	New Brunswick,	167 Neilson St.
George Morris Williamson,	Newton, N. Y.,	31 Paterson St.
Benjamin Van Doren Wyckoff,	Middlebush,	Middlebush.

Junior Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
George Frederick Ashton,*	New Brunswick,	Left College.
Ebenezer Condict Babbitt,*	Mendham,	Left College.
Samuel Burr,	Plainfield,	Plainfield.
Howard Voorhees Buttler,	New Brunswick,	Highland Park.
Gansevoort V. V. Cortelyou,	New Brunswick,	Pine Grove.
Harrington Dodge,	New York City,	74 Bayard St.
Ichy Zo Hattori,	Japan,	25 Bayard St.
Henry Latimer Janeway, Jr.,	New Brunswick,	7 Livingston Ave.
Peter A. Monfort,	New Utrecht, L. I.,	78 Bayard St.
Robert Anderson Meeker,	Plainfield,	45 French St.
Franklin Lippincott,*	Westville,	Left College.
Arthur L. Titsworth,	Plainfield,	45 French St.
Frank Van Wyck,	Po'keepsie, N.Y.,	49 Schuyeman St.
Rynier Veghte.	Somerville,	14 French St.
Stephen S. Vreeland,	Greenville,	6 Schuyler St.
Jacob Ewing Ward.	Madison,	56 Church St.
Charles L. D. Washburn,	Jersey City,	56 Church St.

*Left at the end of the two years' course.

Sophomore Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
John Bancker Aycrigg,	Passaic, Cor. Paterson & Kirkpat'k.	
Eugene Samuel Booth,	Bridgeport, Conn.,	19 Hertzog Hall.
Charles Bradley,	Washington, D. C.,	96 George St.
LeRoy Brumaghim,	Albany, N.Y., Cor. Paters'n & Kirkp.	
John P. Casper,	Howe's Cave, N.Y.,	7 Hertzog Hall.
Edwin Everett Colburn,	New Baltimore, N.Y.,	59 Bayard St.
Henry Miller Cox,	New Brunswiek,	14 French St.
Cornelius Peterson Ditmars,	Middlebush,	Middlebush.
Edward Henry Duryee,	Newark,	Newark.
Theophilus A. Friedel,	New York City,	Left College.
Elam Mayhew Garton,	Wyoming, Del.,	Metuehen.
William B. Gillmore,	New York City,	41 Sehureman St.
Henry Niles Johnson,	Coeymans, N. Y.,	59 Bayard St.
Haydn Clark Kelly,	New Brunswiek,	7 Morris St.
John Lefferts, Jr.,	Flatbush, N. Y.,	25 Bayard St.
Charles A. Limeburner,	Modena, N. Y.,	109 Neilson St.
John Edward Lyall,	Hudson, N. Y.,	48 Hertzog Hall.
Peter H. Milliken,	Bloomingburgh, N.Y.,	Prof. Reiley's.
Thomas Morrell Moore,	New York City,	6 Schuyler St.
Frank J. Mundy,	Rahway,	18 Hertzog Hall.
David Murray,	Delhi, N. Y.,	31 Paterson St.
William Hosea Nasholds,	Knox, N. Y.,	32 Hertzog Hall.
George Luther Nevius,	New Brunswiek,	College Ave.
William Horton Price,	New Brunswiek,	181 Burnet St.
John Duffield Prince, Jr.,	Flatbush. N. Y.,	109 Neilson St.
Nagateru Yasujiro Outska,	Saga, Japan,	Livingston Ave.
James Augustus Romeyn,	Haekensaek,	25 Bayard St.
William Wyckoff Schomp,	Bedminster,	56 Chureh St.
Bergen Brokaw Staats,	Middlebush,	Middlebush.
Roland Henshall Stubbs,	New Brunswiek,	62 Bayard St.

NAMES.	RESIDENCES.	ROOMS.
Paul Frederick Sutphen,	New Brunswick,	Neilson Avenue.
William Rivers Taylor,	Newark,	Newark.
Foster McGowan Voorhees,	Clinton,	56 Church St.
John Schenck Voorhees, Jr.,	New Brunswick,	Elm Ridge.
Courtland Calvin Van Deusen,	Hudson, N. Y.,	48 Hertzog Hall.
William Armitage Van Zandt,	Albany, N. Y.,	45 French St.
LaRue Vredenburgh Jr.,	Somerville,	56 Church St.
Theodore Havelock Walser,	New Brighton, N.Y.,	44 Hertzog Hall.
Harry Westbrook Winfield,	Greenville,	96 George St.
Samuel Isett Woodbridge,	Wesson, Miss.,	Brookside.
John Eliot Woodbridge,	New Brunswick,	Left College.

Sophomore Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
William Aumack,	Toms River,	25 Bayard St.
Willard W. Cutler,	Morristown,	59 Bayard St.
Spencer H. C. Devan,	New Brunswick,	51 Somerset St.
Jerome Johnson,	Brooklyn, N. Y.,	Left College.
George William Kuehnle,	Egg Harbor City,	49 Schureman St.
William Hubert Osborne,	Georgetown, Conn.,	79 George St.
Joseph G. Palmer,	New Brunswick,	63 French St.
Carlton B. Pierce,	New Brunswick,	15 Kirkpatrick St.
Charles S. Roe,	Middleburgh, N. Y.,	Left College.
Edwin F. Ross,	New Brunswick,	50 New St.
Isaac Denman Vanderpoel,	New York City,	79 George St.
John Warren, Jr.,	New Brunswick,	42 Somerset St.
Nicholas Doremus Wortendyke,	Jersey City.	Jersey City.

Freshman Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
H. Mackness Traphagen Beekman,	North Branch,	217 Commerce Sq.
Abraham S. Brinkerhoff,	Wood Ridge,	Prof. Reiley's.
William James Chesebro,	Knox, N. Y.,	32 Hertzog Hall.
Robert Findley Fischer,	New Brunswick,	Livingston Ave.
Earl Ansel Holdridge,	Po'keepsie, N. Y.,	Voorhees Station.
John Haines Knox,	New York City,	59 Bayard St.
James Pierpont Langdon, Jr.,	New Brunswick,	4 College Ave.
Marvin Thorne Merchant,	New Brunswick,	3 College Ave.
Abram Van Cleef Nevius.	Millstone,	Millstone.
Cornelius H. Polhemus,	Middlebush,	Middlebush.
Henry Parsell Schneeweiss,	New Brunswick,	64 Church St.
Harry Schoonmaker,	Kingston, N. Y.,	Cor. Kirk. & Pat.
William Geo. Ely See,	New Brunswick,	123 George St.
William Leggett Skinkle,	Newark,	74 Bayard St.
Garret Z. Snider,	Monsey, N. Y.,	98 Somerset St.
Herman Wendell Vanderpoel,	Staten I land, N.Y.,	54 Schureman.
John Quick Van Derveer.	North Branch,	217 Commerce Sq.
Jacob Winfred Van Keuren,	Dashville Falls, N. Y.,	42 H. Hall.
Wm. Herman Van Steenbergh,	Rhinebeck, N. Y.,	59 French St.
Stephen Condict Van Winkle,	Rutherford Park,	56 Church St.
Henry Veghte,	Harlingen,	62 Church St.
Robert Stockton Wark,	New Brunswick,	30 George St.
Schuyler Neilson Warren,	New Brunswick,	42 Somerset St.
Samuel M. Woodbridge, Jr.,	New Brunswick,	Brookside.

Freshman Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
William Gardner Barnes,	Fonda, N. Y.,	59 French St.
Edwin Joseph Eneas,	Brooklyn, N. Y.,	56 Church St.
Alfred Wolcott Gibbs,	New Brunswick,	Somerset, cor. Div.
Yasutaro Hara,	Yedo, Japan,	49 Schureman St.
John Francis Ladley.	New Brunswick,	118 Albany St.
Leanor Fresnal Loree,	Rahway,	Rahway.
William James Nelson,	Piscataway,	Piscataway.
Timothy Foster Nostrand,	New Utrecht, N. Y.,	78 Bayard St.
John Lott Nostrand,	New Utrecht, N. Y.,	78 Bayard St.
Zen Kichy Ongawa,	Aichy, Japan,	Ret'd to Japan.
Yoshio Ohsawa,	Aichy, Japan,	Ret'd to Japan.
Charles Taylor Pomeroy,	Newark,	Newark.
Ellis Frank Potter,	Rahway,	49 Schureman St.
Edward Anderson Reiley,	Lambertville,	Prof. Reiley's.
William Maxon Stillman,	Plainfield,	49 Schureman St.
James Alexander Talmage,	Napanock, N. Y.,	Middlebush.
George McClellan Taylor,	Holmdel,	129 George St.
Josiah Tice,	Williamstown,	67 Church St.
Alfred Alexander Titsworth,	Dunellen,	54 Schureman St.
Clinton DeWitt Van Dyck,	Coxsackie, N. Y.,	12 George St.
Isaac Van Winkle,	Rutherford Park,	56 Church St.
LaRue Vredenburgh,	Springfield, Ill.,	20 Richmond St.
Ernest Patten Waite.	Metuchen,	Metuchen.
Daniel Waldo,	Uniontown,	Uniontown.
William Russell Whitehead,	Trenton,	109 Neilson St.

RECAPITULATION.

NEW JERSEY,	109
NEW YORK,	59
CONNECTICUT,	2
DELAWARE,	1
DISTRICT OF COLUMBIA,	2
ILLINOIS,	1
KANSAS,	1
MISSISSIPPI,	1
CHINA,	1
JAPAN,	5
TOTAL,	182

SUMMARY.

Classical Department.

SENIORS,	31
JUNIORS,	29
SOPHOMORES,	41
FRESHMEN,	24

Scientific Department.

GRADUATE STUDENTS,	2
SENIORS,	
JUNIORS,	17
SOPHOMORES,	13
FRESHMEN,	25
TOTAL,	182
IN COLLEGE,	173

CLASSICAL DEPARTMENT.

Faculty.

Rev. William H. Campbell, D.D., LL.D. President.
Professor Cook, Chemistry, and Natural History.
Professor Reiley, Latin.
Professor Murray, Mathematics, Natural Philosophy, and Astronomy.
Professor Doolittle, Rhetoric, Logic, and Mental Philosophy.
Professor Cooper, Greek.
Professor Atherton, History, Political Economy, and Constitutional Law.
Professor Meyer, French and German.
Professor Van Dyck, Analytical Chemistry.
Professor Hasbrouck, Mathematics and Graphics.
Professor Rockwood, Mathematics, Natural Philosophy, and Astronomy.
Tutor Barton, Mathematics.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to the College will be held on the Saturday and Monday before Commencement, (June 13th and 15th) beginning at 9 o'clock, A. M., in the President's room. All who can do so are desired to present themselves on Saturday. Applicants for admission may also be examined on Saturday and Monday, September 19th and 21st at the same hour and place.

Candidates for advanced classes must sustain a satisfactory examination upon the subjects previously studied by the class which they propose to enter, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the Collegiate year.

Students who desire to pursue selected branches of study, may do so, if properly prepared to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following, or a full equivalent, are the requirements for admission to the Freshman Class:

Latin.—Andrews and Stoddard's or Harkness' Grammar: Fischer's Manual of Latin Grammar and Composition—First Part: Cæsar's Gallic War: Two Books of Virgil's Æneid or Ovid's Metamorphoses: Cicero's Orations against Catiline, on the Manilian Law, for the poet Archias, and for King Deiotarus.

GREEK.—Hadley's Greek Grammar, including Prosody: Whiton's, or Crosby's Greek Lessons: Xenophon's Anabasis—three books: Arnold's First Greek Book, entire: Homer's Iliad—one book.

ENGLISH AND MATHEMATICS.—Arithmetic complete; Algebra, to Quadratic Equations: Plane Geometry—three books: Ancient and Modern Geography: English Grammar and Spelling: History of the United States.

2. Suggestions in regard to preparation.

LATIN.—In preparing in Latin the student should give much more attention to the prose than the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of the moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Hanson's Latin Prose Book is recommended to both teacher and student. This book has excellent references to the standard Grammars of Harkness and Andrews, and contains as much of Cæsar, Sallust and Cicero, as is necessary to be used in preparation.

Some popular history of Rome should be read as a basis for the College course in that study.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Continental, as given in Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATIONS.—The examination is conducted in writing.

GREEK.—The examination will be: I. Upon the Grammar. Hadley's Grammar is used in the College, and is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including accent and quantity.

II. Upon Arnold's First Greek book (latest edition). The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.)

III. Upon Greek text and translation. In pronouncing prose the written accent must be followed. In Poetry, strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis (three books), and Homer's Iliad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

English Grammar and Geography.—A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is also examined in spelling, reading and punctuation. Ancient Geography should be studied in connection with the Classical authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

History.—Candidates for admission are examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation; and it will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation, than to the particular book used.

3. Course of Instruction.

The Course of Instruction occupies four years, with three terms or sessions in each year.

The following is a scheme of the studies of the course. This scheme is not always strictly followed, either in the order of studies or the use of the particular text-books named; but it furnishes an exhibit of the amount of work required of students during the four years, and may indicate to candidates for advanced standing the equivalents which will be accepted from them:—

Freshman Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Cicero de Amicitia; Fischer's Manual of Composition.—2. *Greek*—Plato's Apology and Crito; Wilkins', Greek Prose Composition: Hadley's Greek Grammar; Written translations from Greek into English. 3. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 4. *Natural History*—Dalton's Physiology; Lectures. 5. *Rhetoric*—Haven; Lectures.

SECOND TERM.

1. *Latin*—Livy; Fischer's Manual of Composition; Mythology (Eschenberg). 2. *Greek*—Felton's Greek Historians; Greek Prose Composition; Written Translations. 3. *Mathematics*—Loomis' Algebra completed; Loomis' Geometry, from Book IV. 4. *Natural History*—Zoology. 5. *English Literature*—Shaw's Manual; Craik's English of Shakespeare. 6. *Elocution*—Lectures.

THIRD TERM.

1. *Latin*—Cicero de Officiis; Fischer's Manual of Composition. 2. *Greek*—Felton's Greek Historians; Prose Composition; Written Translations; Ancient Chronology (Eschenberg). 3. *Mathematics*—Loomis' Geometry completed. 4. *Natural History*—Gray's Botany. 5. *English Literature*—Shaw's Manual; Lectures.

Sophomore Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Tacitus; Latin Composition. 2. *Greek*—Sophocles' Antigone, (Woolsey); Prose Composition; Written Translations; Ancient Geography (Eschenberg). 3. *Mathematics*—Loomis' Conic sections. 4 *Modern History*—Freeman's Outlines, with Written Essays.

SECOND TERM.

1. *Latin*—Plautus; Horace; Latin Composition. 2. *Greek*—Demosthenes on the Crown; Written Translations; Greek Antiquities (Eschenberg). 3. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 4. *Modern History*—Freeman's Outlines, with Written Essays.

THIRD TERM.

1. *Latin*—Quintilian; Latin Composition. 2. *Greek*—Aristophanes' Birds; Written Translations; Greek Antiquities; Lectures on Greek Literature. 3. *Mathematics*—Murray's Manual of Land Surveying, with Field Practice. 4. *Modern History*—Freeman's Outlines, with Written Essays.

Junior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry. 3. *Mental Philosophy*—Hickok's Empirical Psychology, and Hamilton's Metaphysics. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mathematics*—Loomis' Analytical Geometry.

SECOND TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry and Mineralogy. 3. *Mental Philosophy*—Hickok's Empirical Psychology, and Hamilton's Metaphysics; Lectures. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Plato's Phædo. 2. *Mathematics*—Loomis' Calculus.

THIRD TERM.

1. *Astronomy*—Lockyer. 2. *Chemistry*—Lectures on Technology. 3. *Constitutional History of England*—Creasy. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mechanics*—Smith's Analytical Mechanics.

Senior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Chemistry*—Lectures on Organic Chemistry. 2. *Political Economy*—Bowen, and Perry; Lectures. 3. *Moral Philosophy*—Wayland, and Hopkins; Lectures. 4. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Elementa Logices Aristoteleae. 2. *Astronomy*—With use of Instruments. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

SECOND TERM.

1. *Chemistry*—Lectures on Chemical Physics. 2. *International Law*—Woolsey; Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Geodesy*—Lectures. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

THIRD TERM.

1. *Geology*—Lectures; Geological Excursion. 2. *Architecture*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Logic*—Thompson's Outlines; Lectures. 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Bergk's Anthology. 2. *Modern Languages*—German. 3. *Analytical Chemistry*—Laboratory Practice. 4. *Hebrew*—Extra.

4. Remarks on the Course of Study.

In the above schedule all the studies up to the close of the Sophomore year are obligatory, and are intended to be of such a character as will be equally desirable whatever subsequent profession or career is chosen. During the Junior and Senior years some subjects are required of all regular students, while several others are made elective, one at least of which must be pursued.

LANGUAGES.

Latin.—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with one of the philosophical or rhetorical treatises. Exercises in Latin Composition are continually required of the student.

Greek.—The Classical Greek authors are read constantly during the Freshman and Sophomore years, but during a portion of the subsequent years the time is devoted to the study of select authors and to giving a familiarity with the language.

French and German are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors.

Hebrew.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive Geometry, is optional, and provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations. In the Senior year practice in the Chemical Laboratory is one of the elective studies.

RHETORIC AND METAPHYSICS.

Elocution.— During the Freshman year lectures are delivered on the general principles of Elocution, and a practical application of these principles is made by the appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

English Language and Literature.—These subjects are taught by a text-book, in connection with a course of lectures which are delivered to the Freshman Class.

Rhetoric is begun in the first term of the Freshman year, in order that the students may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

Mental Philosophy.—Hickok's Empirical Psychology and Hamilton's Metaphysics are the guide-books in this department. But neither is implicitly followed. As opportunity offers, lectures upon important topics are interspersed through the course.

Lectures.—A course of lectures on the chief representative thinkers in the different schools of Metaphysics is delivered to the Seniors during the last term of the course.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

This course begins in the Sophomore year with Modern History. The study of these subjects is resumed again in the last term of the Junior year, and is continued through two terms of the Senior. The course consists of a study of text-books, with lectures and the writing of essays.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

SCIENTIFIC DEPARTMENT.

RUTGERS SCIENTIFIC SCHOOL.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

FIRST CONGRESSIONAL DISTRICT.

	RESIDENCES.	TERMS EXPIRE.
JONATHAN INGHAM, Esq.,	Salem,	April 12, 1876.
CHALKLEY ALBERTSON, Esq.,	Haddonfield,	April 12, 1878.

SECOND CONGRESSIONAL DISTRICT.

Hon. WILLIAM PARRY,	Cinnaminson,	April 12, 1877.
WM. R. McILLVAINE, Esq.,	Trenton,	April 12, 1878.

THIRD CONGRESSIONAL DISTRICT.

HENRY K. HOW, Esq.,	New Brunswick,	April 12, 1876.
Hon. WM. A. NEWELL,	Allentown,	April 12, 1878.

FOURTH CONGRESSIONAL DISTRICT.

Hon. JOSEPH THOMPSON,	Readington,	April 12, 1875.
WM. R. JANEWAY, Esq.,	Franklin Township,	April 12, 1878.

FIFTH CONGRESSIONAL DISTRICT.

Hon. HENRY C. PITNEY,	Morristown,	April 12, 1874.
Rev. JOHN STEELE, D.D.,	Paterson,	April 12, 1875.

SIXTH CONGRESSIONAL DISTRICT.

FRANCIS H. DAWES, Esq.,	Newark,	April 12, 1874.
WILLIAM M. FORCE, Esq.,	Newark,	April 12, 1877.

SEVENTH CONGRESSIONAL DISTRICT.

ABRAHAM S. DURYEE, Esq.,	New Durham,	April 12, 1878.
PETER HENDERSON, Esq.,	Jersey City,	April 12, 1878.

OFFICERS.

Hon. WILLIAM PARRY, *Chairman.*

HENRY K. HOW, *Secretary.*

Faculty.

Rev. William H. Campbell, D.D., LL.D., President.
Professor Cook, Chemistry, Natural History, and Agriculture.
Professor Doolittle, Rhetoric, and Mental Philosophy.
Professor Smock, Mining and Metallurgy.
Professor Atherton, History, Political Economy, and Constitutional Law; and Military Superintendent.
Professor Meyer, Modern Languages.
Professor Van Dyck. Analytical Chemistry.
Professor Bowser, Mathematics and Engineering.
Professor Hasbrouck, Mathematics and Draughting.
Professor Rockwood, Natural Philosophy, and Astronomy.
Tutor Barton, Mathematics.

Post Graduate Students.

Henry Augustus Neilson,.....New Brunswick.
Thomas B. Stillman,.....Plainfield.

1. Conditions of Admission.

Every applicant for admission must be sixteen years of age and must submit to the President proper testimonials of a good moral character. If an applicant for a State scholarship, he must also present to the President the certificate from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz: on the Saturday and Monday preceding Commencement, June 13th and 15th, beginning at 9 o'clock, A. M., in the President's room. Applicants for admission may also be examined on Saturday & Monday, September 19th and 21st, at the same hour and place.

Students may also enter an advanced class either at the beginning of the College year or at other times, on condition that they sustain an examination both on the preliminary studies and on those passed over by the class which they propose to enter.

Provision is made for such students as wish to devote themselves to special subjects, if they are prepared to go on profitably with the regular classes.

The following are the subjects on which those desiring to enter the Freshman class of the Scientific Department are examined. As they are all such as can be acquired in our best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete. 2. Algebra, to Quadratic Equations. 3. Plane Geometry—three books. 4. English Grammar—including spelling. 5. Descriptive Geography. 6. Physical Geography. 7. History of the United States.

2. Courses of Study.

Three distinct courses of study are included in the Schedule which follows:

I. A Course in Civil Engineering and Mechanics.

II. A Course in Chemistry and Agriculture.

III. A Special Course in Chemistry.

During the first and second years the studies of the two full courses are the same, and are designed to furnish a suitable introduction to the pursuit of the higher branches in either.

During the last two years the subjects of Higher Mathematics, Mechanics and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory, and Agriculture, in the other. The remaining subjects are pursued by the students of both courses together.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is especially designed to meet the wants of those who cannot take the entire four years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course, receive from the Faculty a certificate of their attainments.

Special Students are received, and allowed to take any part of the above course; and particular provision is made for them, especially in the Laboratory, in Mathematics, and Surveying.

The Special Course in Chemistry and Agriculture, occupying two years, is designed for those who wish to devote themselves exclusively to these branches. Opportunities of a very superior character are afforded to such students under the charge of Professors Cook, Smock, and Van Dyck, in the new Laboratory building.

Special provision is also made for studens who desire, after completing the regular course of study, to take post-graduate studies.

In connection with the instruction in Agriculture in this Department, the Trustees maintain an extensive model farm, designed to illustrate the principles of agriculture, and also to test by experiment the value of different systems. It is under the charge of the Professor of Agriculture, and *every Wednesday* during term time will be devoted to giving upon the farm explanations of the experiments and their results, to the students in agriculture, as well as to any farmers who may desire to avail themselves of this privilege.

In accordance with the requirements of the Law, the students in this Department are drilled in Military Tactics by the Military Superintendent. Arms and accoutrements for this purpose are furnished by the Quarter-Master General of the State.

3. Organization.

This department of the College, has been designated by the Legislature of New Jersey, in accordance with the law of Congress:

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

Under this law a certain number of students from the State of New Jersey are received into this department of the College and educated free of expense for tuition. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent of Schools in each county. They are distributed among the counties in proportion to their population as follows:

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		—
			40

COURSE OF STUDY.

Freshman Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *French.* 2. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 3. *Natural History*—Dalton's Physiology; Lectures. 4. *Rhetoric*—Haven; Lectures. 5. *Draughting*—Construction of Problems.

SECOND TERM.

1. *French.* 2. *Mathematics*—Loomis' Geometry, from Book IV. 3. *Natural History*—Zoology; Lectures. 4. *Elocution*—Lectures. 5. *English Literature*—Shaw's Manual; Craik's English of Shakespeare. 6. *Draughting.*

THIRD TERM.

1. *French.* 2. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 3. *Natural History*—Gray's Botany; Lectures. 4. *English Literature*—Shaw's Manual; Lectures. 5. *Draughting.*

Sophomore Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Surveying*—Murray's Manual; Field Exercises and Mapping. 2. *Descriptive Geometry*—Church. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Haven. 5. *History*—Freeman's Outlines.

SECOND TERM.

1. *Descriptive Geometry*—Church; Construction of Problems. 2. *Chemistry*—Lectures. 3. *Mental Philosophy*—Haven. 4. *History*—Freeman's Outlines.

THIRD TERM.

1. *Leveling and Railroad Curves*—Henck's Field Book; Field Practice, and Plotting. 2. *Shades, Shadows and Perspective*—Church; Construction of Problems. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Lectures. 5. *History*—Creasy's Constitutional History of England.

Junior Year.

Course in Civil Engineering and Mechanics.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *German.* 2. *Analytical Geometry*—Peek. 3. *Natural Philosophy*—Snell's Olmsted. 4. *History of Civilization*—Guizot. 5. *Constitutional History of the United States*—Text book and Leetures. 6. *Draughting.*

SECOND TERM.

1. *German.* 2. *Differential and Integral Calculus*—Peck. 3. *Natural Philosophy*—Snell's Olmsted. 4. *Political Economy*—Bowen, and Perry. 5. *Constitutional History of the United States*—Text book and Lectures. 6. *Draughting.*

THIRD TERM.

1. *German.* 2. *Mechanics*—Bartlett, or Smith. 3. *Astronomy*—Loomis. 4. *International Law*—Woolsey. 5. *Draughting.*

Junior Year.

Course in Chemistry and Agriculture.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Mineralogy* and *Analytical Chemistry*—Text-book, with Laboratory Praetice. 3. *Agriculture*—Leetures at the Farm. 4. *Natural Philosophy*—Snell's Olmsted. 5. *History of Civilization*—Guizot. 6. *Constitutional History of the United States*—Text-book and Lectures.

SECOND TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Praetiee. 3. *Agriculture*—Lectures. 4. *Natural Philosophy*—Snell's Olmsted. 5. *Political Economy*—Bowen, and Perry. 6. *Constitutional History of the United States*—Text-book and Leetures.

THIRD TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Praetice. 3. *Agriculture*—Vegetable Physiology. 4. *International Law*—Woolsey.

Senior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Mechanics*—Bartlett, or Smith. 2. *Geodesy*—Theory and Practice of Triangulation. 3. *Chemistry*—Lectures on Organic Chemistry. 4. *Moral Philosophy*—Wayland, and Hopkins.

SECOND TERM.

1. *Engineering*—Mahan. 2. *Geodesy*—Practical Astronomy; Indeterminate Analysis. 3. *Chemistry*—Lectures on Chemical Physics. 4. *Moral Philosophy*—Butler's Analogy.

THIRD TERM.

1. *Engineering*—Bridge-Building and Railway Practice. 2. *Architecture*—Lectures. 3. *Geology*—Lectures; Geological Excursion. 4. *Moral Philosophy*—Butler's Analogy.

Senior Year.

COURSE IN CHEMISTRY AND AGRICULTURE.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Mining* and *Metallurgy*. 2. *Chemistry* and *Principles of Agriculture*—Lectures. 3. *Laboratory Practice*. 4. *Moral Philosophy*—Wayland, and Hopkins.

SECOND TERM.

1. *Agriculture*—Its methods and Products. 2. *Chemistry*—Lectures on Chemical Physics. 3. *Laboratory Practice*. 4. *Moral Philosophy*—Butler's Analogy.

THIRD TERM.

1. *Agriculture*—Animal Physiology; Care and Management of Domestic Animals. 2. *Architecture*—Lectures. 3. *Geology*—Lectures; Geological Excursion. 4. *Moral Philosophy*—Butler's Analogy.

SPECIAL COURSE IN CHEMISTRY.

First Year.

FIRST TERM—1. *Elements of Chemistry*—Text-book and Lectures. 2. *Blowpipe Analysis.* 3. *Elements of Mineralogy.*

SECOND TERM—1. *Physics and Chemistry*—Text-book and Lectures. 2. *Chemical Analysis*—Qualitative.

THIRD TERM—1. *Chemical Analysis*—Qualitative and Quantitative. 2. *Vegetable Physiology.*

Second Year.

FIRST TERM—1. *Chemical Analysis*—Analysis of Minerals, Ores, &c. 2. *Mineralogy*—Determinative.

SECOND TERM—1. *Chemical Physics*—Heat, Electricity, Magnetism, Galvanism and Electro-magnetism—Text-book and Lectures. 2. *Analysis of Fertilizers and Chemical Products.*

THIRD TERM—1. *Lectures on Geology.* 2. *Chemical Analysis*—Special Investigations.

EXAMINATIONS.

The classes in both departments are examined at the close of each term. The examinations are partly oral and partly written, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms, the examinations of the classes of the Scientific School are held in the presence of the Board of Visitors, who then make their semi-annual visits to the institution.

At the end of the third term, each member of the Graduating Class of the Scientific School is required to present a thesis on some scientific subject, a copy of which is to be written out upon paper suitable for binding, and deposited in the College Library.

The final examination of the Graduating Classes is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

GRADUATION.

To all members of the Graduating Class of the Classical Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Classes, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The following regulations have been adopted by the Board of Trustees in regard to the graduating exercises at Commencement:

1. At the Commencement in 1874, and subsequently, the privilege of speaking at Commencement shall be open without distinction to the Classical and Scientific sections of the Graduating Class.

2. The graduation honors shall be as follows:

FIRST HONOR—Latin Salutatory.
SECOND HONOR—English Salutatory.
THIRD HONOR—Philosophical Oration.
FOURTH HONOR—Scientific Oration.

If the first honor be awarded to a member of the Scientific Section of the Graduating Class, he shall deliver a German Salutatory.

3. The Valedictory shall be regarded as a *rhetorical honor*, and shall be awarded to the best writer and speaker in his class (to be determined by his grade in composition and elocution during the Junior and Senior years), provided that he must have been a member of his class for two years, and have a general grade in scholarship among the best two-thirds.

4. Eleven other speakers shall be chosen, of whom *six* shall be chosen by grade in scholarship, provided, that in their grade in composition and elocution during their Junior and Senior years they be among the best two-thirds; and *five* shall be chosen by grade in composition and elocution during the Junior and Senior years, provided that in their general grade in scholarship they be among the best two-thirds.

REGULATIONS.

1. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8.40 o'clock.
2. The recitation hours extend from 9 o'clock A. M. to 1 o'clock P. M., during five days of the week.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon and evening, at such places as their parents or guardians may direct.
5. No student is allowed to leave the city during term time without permission from the President.
6. No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No student shall visit bar-rooms, drinking-saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at examination counts as much as one third of the term.
9. If the grade of a student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.
10. If the general average of any student in any term fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any student in any term shall fall below one-half of the maximum grade in all his studies, he shall be dismissed from College.
12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.

13. When a student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received eight more marks of like character, a second notice shall be sent to the parent, and the student admonished by the President. When twenty-four are recorded against him, he shall be dismissed from the College.
14. Recitations omitted on account of excused absences may be made up at any time within two weeks following the student's return to his class. If not so made up they shall be counted as failures; provided, that, in case of protracted absence on account of sickness or other unavoidable cause, the Faculty may, at their discretion, grant an extension of time for making up the omitted work.

The above privilege of making up omitted recitations does not extend to absences at the beginning of the term, previous to the student's entering upon his College duties.

COLLEGE EXPENSES.

FEES.

Tuition per annum,	$75 00
Incidentals—Janitor, fuel, &c., per annum,	8 00
Reading Room, per annum,	2 00
Admission Fee,	5 00
Graduation Fee,	7 50

Damages are in all cases chargeable to the persons committing them.

Of the above expenses, the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees, one third, viz $25 is payable at the beginning of each term.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus. They are also expected to provide themselves, at their own expense, with certain necessary sets of apparatus. These sets are to be retained throughout the course, but at the end of the course if the owners do not wish to retain them, they will be purchased at a fair price. If proper care has been exercised, a small discount only from the original cost will be made.

BOARD.

Board, with furnished rooms, can be obtained in New-Brunswick at the present time for $4 to $7 per week; board without rooms for $3.50 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz: at an expense of $34 per annum, payable one-half at the beginning of the first term and one-half at the beginning of the second term. The rooms are heated but not lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs, students are able to reduce somewhat their expenses for board.

BENEFICIARY AID.

1. Van Benschoten Fund.

This fund, the gift of Rev. Elias Van Benschoten, in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The late William P. Smock, of Marlboro, N. J., left by his will to the Trustees of Rutgers College the sum of $500 to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-Mile-Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New-Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendents. The appointment gives the *right* to a course of instruction of four years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some Evangelical Church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., of New Brunswick, N. J.

8. Rooms for Students.

Such rooms in Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

The Trustees have resolved to proceed at once with the work of providing a Dormitory to furnish rooms for students. As soon as the necessary funds are secured the building will be begun.

PRIZES AND HONORS.

1. Suydam Prize for Composition.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library, before he can receive the prize.

Subject for 1874: "Froude's view of Henry VIII."

Committee, Rev. A. P. Van Gieson, D.D.,
Richard M. DeWitt, Esq.,
Rev. Augustus Blauvelt, D.D.

2. Suydam Prize in Natural Science.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

3. Brodhead Classical Prize.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of Studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize-man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject for the essay for 1874: "Enthymeme: Regular and Irregular —Figure and Mood"—To be written in Greek.

(Hamilton's Lectures on Logic: Lecture XX; Sect. LXXII.)

Subject for the examination for 1874: Porphyry's Isagoge in Aristotelis Organon.

Committee: Rev. JOHN DEWITT, D.D.,
Rev. ALFRED STUBBS, D.D.,
Rev. JOHN WOODBRIDGE, D.D.

An additional prize of $25 will be given by Professor Cooper, provided that at least five persons contend for it.

4. Bradley Mathematical Prize.

This prize is given by Hon. Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on the student of the Senior Class who shall present the best solution of a set of Mathematical problems to be proposed to the class by the Professor of Mathematics before the close of the second term.

5. Myron W. Smith Prizes.

These prizes were founded by Lyndon A. Smith, M.D., of Newark, in the name of his son, Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1874: Rev. MASON FERRIS, D.D.,
CHARLES DUNHAM, M.D.,
JOHN T. HILL, Esq.

6. Junior Prize for Composition.

This prize consists of $25 worth of books at wholesale prices, selected by the recipient, and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded, must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1874; "The Indian Question."

Committee: Woodbridge Strong, Esq.,
Rev. Alfred Stubbs, D.D.,
Rev. Mr. Lord.

7. Tunis Quick Prize in Spelling and English Grammar.

This prize, the gift of P. Vanderbilt Spader, Esq., of New Brunswick, is the income of $300, at 7 per centum, and is to be presented to that member of the Freshman Class, Classical or Scientific, who shall pass the best examination in Spelling and English Grammar.

The examination is to be conducted in writing by the Professor of English Literature, at as early a day as convenient in the second College term, and under such regulations as the Faculty may from time to time establish.

The prize may be withheld from any or all papers offered, either for want of merit or for failure of proper competition. In case the prize be not awarded in any year, it is to be offered one year later to the members of the same class, on the same conditions as at first.

All regulations as to time, manner and conditions of awarding the prize are subject to change by the Board of Trustees.

8. Peter Spader Prizes in Modern History.

These prizes, the gift of P. Vanderbilt Spader, Esq., are two in number, the income of $400 and $300, respectively, at 7 per centum, and are awarded to those members of the Sophomore Class, Classical or Scientific who present the best essays on some subject in Modern History, selected by the Professor of History, with the approval of the Faculty.

The subject is to be announced at the close of the Freshman year, and the competing essays are to be handed in on or before the third Monday in the third term of the Sophomore year.

The Committee, annually appointed by the Faculty, may decline to award these prizes, or either of them, for want of merit in the essays or for failure of proper competition. In case the prizes be not awarded in any year, they are to be offered one year later to the members of the same class, on the same conditions as at first.

Successful essays are to be copied on paper selected by the Faculty, and deposited in the College Library, before the writer receives his prize.

All regulations as to time, manner and conditions of awarding the prizes are subject to change by the Board of Trustees.

Subject for 1874: "The American Revolution."

Committee: George C. Ludlow, Esq.,
Andrew K. Coggswell, Esq.,
Rev. C. D. Hartranft.

9. Prize for Mineralogy.

A prize consisting of 100 species of minerals, arranged and assorted in a case, is offered to the member of the Graduating class of 1874, in the Scientific Department, who shall be able to identify and name the largest number of them.

10. Theses Prizes.

Two prizes of books are offered for the best and second best theses of the graduating class of the Scientific Department for 1874.

11. Senior Essays on American History.

Two prizes of books are offered to members of the graduating class, of 1874, for the best essays on an assigned subject in American History.

Subject for 1874: "The causes that led to the formation of the Federal Constitution."

12. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclean Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by a Committee of three persons of whom one is chosen by each Society and a third by the Faculty, and is based upon relative excellence as writers and speakers.

13. Reports of Scholarship.

At the close of each term reports of the the scholarship maintained during the term in each subject are made up from the records, and transmitted to the parents or guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty, is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

LIBRARY AND MUSEUM.

1. Library.

The Library of the College is open for consultation at stated times during each term. The collection of books, although entirely inadequate to the wants of the Institution, is yet of great value. It has received considerable additions during the past three years, and no effort will be spared to make it what the Institution requires. Donations to this object either in money or books are earnestly solicited.

By the gift of a permanent fund of $1000 from the late James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Trustees solicit contributions from the friends of the College to the collections of the Museum. It is their wish to increase greatly the present valuable collections by additions in all departments. Donations of specimens illustrating Geology, Mineralogy, Natural History, Coins, Curiosities, and Antiquities, and the Industrial Arts, are earnestly requested. Ample rooms are provided in the new Geological Hall for the proper preservation and display of such specimens. By the kindness of numerous friends, at the last Commencement, suitable cases were provided to receive the collections which the College already possesses, and they are now being arranged as rapidly as circumstances will allow.

The apparatus of the College for illustrating the various branches of science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and comprises most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. The arrangements for these departments in the building recently erected are of the most ample and convenient description.

WANTS OF THE COLLEGE.

One of the pressing wants of the College has just been supplied by the creetion of the new Kirkpatrick Memorial Chapel, which was dedicated on the 3d of December, 1873. But the growth of the Institution and the demand for greater facilities for education, are creating others which appeal imperatively to the friends of the College.

I. Professors' Salaries.

It is absolutely indispensable to the future prosperity of the Institution, that the Professors receive such an inerease of salary that they ean devote themselves wholly to the interests of the College, without the necessity of doing outside work in order to live.

Will not the thoughtful friends of the College take this matter into serious consideration?

2. Dormitories.

The high priee of board and the difficulty of providing suitable accommodations for so large a body of students, render indispensable a building for students' rooms. The Trustees present this subject to the patrons of the College and earnestly solicit the means, not less than $35,000, to erect at onee a building. It is believed that this would reduce the cost of edueation at Rutgers College fully one-third.

3. Library Fund.

A large present addition of books is essential to the progress of the Institution. A permanent fund is also wanted from the ineome of which to make yearly additions to the library and to bind up and keep in order what has been aceumulated.

4. The General Funds.

The funds for some general purposes of the College require a large increase: First, to make suitable provision for the care of grounds and buildings; Second, to make eaeh year fresh additions to the supply of working apparatus, in every department, Maps, Charts, Models, Drawings, Casts, &c. A fund that eould be used for these and similar specifie objects would greatly inerease the working efficiency of the Institution.

REGISTER.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, *Feb.* 22, 1873.

LIST OF CONTESTANTS AND PRIZE MEN.

JOHN H. SALISBURY, Catskill, N. Y., *First Prize.*
FRED. W. ANDERSON, E. Greenbush, N. Y., *Second Prize.*

W. T. GRIFFIN, Barrytown, N. Y.
H. A. HENDRICKSON, Queens, N. Y.
WM. A. NEWELL, Jr., Allentown.
P. T. POCKMAN, E. Greenbush, N. Y.
JOHN P. SEARLE, Wyckoff.
BENJ. V. D. WYCKOFF, Middlebush.

2. Junior Exhibition.

ORATORS FOR 1873.

Peithessophian Society.	*Philoclean Society.*
R. W. BROKAW Somerset, Kansas,	CHAS. DAVIS, Saugerties, N. Y.,
T. D. MILLS, Port Jervis, N. Y.,	J. R. DURYEE, Newark,
C. A. RUNK, Elizabeth,	WM. F. GASTON, Passaic,
J. N. WYCKOFF, White House.	JOHN OPPIE, Griggstown.

3. Graduating Exercises, *June* 18, 1873.

HONORS.

Classical Section.

DANIEL T. HAWXHURST, Marlboro, *Latin Salutatory*—First Honor.
J. DEWITT PELTZ, New Paltz, N.Y., *English Salutatory*—Second Honor.
WILLIAM W. COOK, Richboro, Pa., *Philosophical Oration*—Third Honor.
I. VAN ALLEN, Bethl'm C'ntre, N.Y., *Scientific Oration*—Fourth Honor.
FREDERICK E. ALLEN, Newark, *Valedictory Oration*—Rhetorical Honor.

Scientific Section.

ELBRIDGE VAN SYCKEL, Jr., Bound Brook, *German Oration*—First Honor.

ORATIONS.

Classical Section.

Geo. R. Dixon, Grahamsville, N. Y.,
Chas. P. Dorrance, Freehold,
Peter V. Huyssoon, Paterson,
Adrian V. Martense, Flatbush, N.Y.,
Abram I. Martine, Nyack, N. Y.,
G. S. Knickerbocker, Red Hook, N.Y.
C. Rockefeller, Germantown, N. Y.,
Isaac S. Schenck, New Brunswick,
Jos. W. Sutphen, New Brunswick,
Jacob Van Fleet, New Brunswick,
Chas. S. Wright, New Utrecht, N.Y.

Scientific Section.

Henry A. Neilson, New Brunswick, C. T. Van Santvoord, N. Y.City.
Chas. F. Stillman, Plainfield, Wm. Williamson, New Brunswick.

SCIENTIFIC THESES.

FIRST PRIZE.

EL. VAN SYCKEL, Jr., Bound Brook, *Pettit's Stiffened Triangular Truss.*

SECOND PRIZE.

THOS. B. STILLMAN, Plainfield, *The Ashes of Plants.*

Oswald Haldane, Cold Spring, N.Y., *The Manufacture of Iron.*
James T. Lillis, Hudson City, *The Improvements Adopted in the Water Works of Jersey City.*
Henry A. Neilson, New Brunswick, *Clay; its Products, Uses and Manufacture.*
Myron R. C. Peek, Albany, N. Y., *The New Capitol at Albany.*
Clarence Peters, Newark, *Zinc and its Manufactures.*
William P. Stephens, Rahway, *Light Bridges.*
Charles F. Stillman, Plainfield, *The Adulteration of Medicines.*
Chas. T. Van Santvoord, N. Y. City, *The Compound Steam Engine.*
Herbert F. Watson, Clayton, *The Truss in the Railway Bridge at Hightstown.*
Wm. Williamson, New Brunswick, *Plan and Specifications of a New Bridge of Stone and Iron for crossing the Raritan at New Brunswick.*

PRIZES AWARDED.

Brodhead Prize for Classics,	JOHN DEWITT PELTZ.
Suydam Prize for Natural Science,	WILLIAM W. COOK.
Suydam Prize for Composition,	FRED. E. ALLEN.
Bradley Prize for Mathematics,	CLAUDIUS ROCKEFELLER.
Prize for Mineralogy,	THOMAS B. STILLMAN.
Prize for best Thesis,	ELBRIDGE VAN SYCKEL, JR.
Prize for second best Thesis,	THOMAS B. STILLMAN.
Schermerhorn Prize for Composition,	JOS. R. DURYEE.
M. W. Smith Prize for Oratory, First,	J. H. SALISBURY.
" " " " Second,	F. W. ANDERSON.
Van Doren Prize for Essay on Missions,	GEO. R. DIXON.
Prizes for Historical Essays, First,	J. H. SALISBURY.
" " " " Second,	F. W. ANDERSON.
" " " " Third,	C. L. D. WASHBURN.

MASTER'S ORATION.

LAFLIN L. KELLOGG, (1870), New York City.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—James Le Fevre.
1855—Isaac L. Kip.
1856—George V. N. Baldwin.
1856—Silas D. Scudder.
1857—Jas. W. Schermerhorn.
1857—Benjamin C. Sears.
1858—Robert O. Currie, Jr.
1859—T. Sandford Doolittle.
1860—Dupuytren Vermilye.
1861—William P. Mesick.
1862—Francis A. Horton.
1863—William Smith.
1864—William H. Leupp, Jr.
1865—William De Hart.
1866—John G. Van Slyke.
1867—Peter L. Vanderveer.
1868—Vernon B. Carroll.
1869—William E. Griffis.
1870—R. Augustus Pearse.
1871—John W. Conklin.
1872—George H. Large.
1873—Fred. E. Allen.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—William W. Post.
1855—Milton A. Fowler.
1856—Josiah Jansen.
1857—D. Ten Broeck Reiley.
1858—John B. Drury.
1859—William Cornell.
1860—Dupuytren Vermilye.
1861———————————
1862—Abram Q. Garretson.
1863—Joseph M. Dixon.
1864—N. I. Marselus Bogert.
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter L. Vanderveer.
1868—Herbert A. Drake.
1869—William E. Griffis.
1870—Frederick A. Canfield.
1871—Rodolph C. Oakley.
1872—Benjamin C. Miller, Jr.
1873—William W. Cook.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Rensselaer Weston.
1869—Martin Bahler.
1870—Alexander Johnson.
1871—Willard P. Voorhees.
1872—George H. Stevens.
1872—Edward W. Strong.
1873—John DeWitt Peltz.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin C. Nevius.
1868—Edward Benedict.
1869—Martin Bahler.
1870—Frederick A. Canfield.
1871—William N. Todd.
1872—William J. Leggett.
1873—Claudius Rockefeller.

MYRON W. SMITH PRIZES.

	First Prize.	*Second Prize.*
1866	Archibald Mercer.	Vernon Bond Carroll.
1867	John Talmage Van Cleef.	William Elliot Griffis.
1868	Willet Denike, Jr.	George R. Garretson.
1869	W. H. Lawrence.	C. F. Van Inwegen.
1870	Wm. J. Leggett.	Benjamin C. Miller, Jr.
1871	Frederick E. Allen.	Madison M. Ball.
1872	Joseph R. Duryee.	John N. Wyckoff.
1873	John H. Salisbury.	Fred. W. Anderson.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas.
1868—William Elliot Griffis.
1869—R. A. Pearse.
1870—J. W. Conklin, and Haley Fisk, Jr.
1871—Benjamin C. Miller, Jr.
1872—William W. Cook.
1873—Jos. R. Duryee.

5. Honorary Degrees.—*June* 18, 1873.

LL.D.

Rev. Prof. Wm. Henry Green, D.D., Princeton.
Hon. David Murray, Japanese Commissioner of Education.

D.D.

Rev. John Steele, Paterson.
Rev. Wm. Hayes Ward, N. Y. City.
Rev. R. M. Stratton, Yonkers, N.Y.
Rev. A. T. Stewart, Holland, Mich.
Rev. Isaac S. Hartley, Utica, N.Y.
Rev. Aug. Blauvelt, Kingston, N.Y.
Rev. M. Cohen Stuart, Amsterdam, Holland.—(*Dec* 3, 1873.)

Ph.D.

George W. Hill, (1859), Washington, D. C.

A.M.

Rev. J. G. Crate, Pemberton.
C. Ridgely Goodwin, Baltimore, Md.

C.E.

George D. Howell, Jersey City.
Wm. E. Kelley, New Brunswick.
Floyd M. Vanderoef, Jersey City.
Prof. E. A. Bowser, New Brunsw'k.
Jas. K. Barton, New York City.

6. Alumni Association.

OFFICERS FOR THE YEAR 1873—74.

Rev. Paul D. Van Cleef, D.D.,	President.
Hon. Wm. A. Newell,	Vice Presidents.
Rev. J. B. Thompson, D.D.,	
Rev. Edward W. Appleton, D.D.,	
Rev. Theodore B. Romeyn, D.D.,	
Henry K. How,	Secretary.
Rev. John L. See, D.D.,	Treasurer.
Rev. David Cole, D.D.,	Biographer.
Rush Van Dyke, M.D.,	Chairman of Standing Committee.
Hon. Richard L. Larremore, N. Y. City,	Orator Primarius.
Rev. John Gaston, D.D.,	Orator Secundus.

7. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1873–74.

Prof. T. S. Doolittle, President. Prof. F. C. Van Dyck, Rec. Sec'y.
Dr. A. B. Van Zandt, Vice Prest. Prof. E. A. Bowser, Treasurer.
Prof. G. W. Atherton, Cor. Sec'y. Prof. J. Cooper, Registrar.
Prof. J. C. Smock, Judge of Compositions.

MEMBERS ELECTED.

FROM THE CLASSES OF 1873.

William W. Cook.
Daniel T. Hawxhurst.
Peter V. Huyssoon.
John DeWitt Peltz.
Ira Van Allen.
George S. Wright.

Wm. A. Chapman.
Chas. F. Stillman.
Thos. B. Stillman.
Elbridge Van Syckel, Jr.

FROM THE CLASS OF 1874.

Ephraim Cutler.
Chas. Davis.
Perry L. Fuller.
Geo. D. W. Lydecker.
Theo. D. Mills.
John N. Wyckoff.
Harry L. Janeway.

NECROLOGY.

The year 1873 has been remarkable in the history of the College for the number of distinguished members of the Board of Trustees who have been removed by death. Chancellor Zabriskie, Judge Vredenburgh, Governor Vroom, Dr. Van Deursen and Hon. John Romeyn Brodhead were men whose names and services conferred honor not merely upon this Institution with whose interests they had been so long identified, but upon the commonwealths in which they resided. Three of them were graduates of the College, and all were its earnest friends.

PETER VREDENBURGH.

Peter Vredenburgh, for fourteen years a justice of the Supreme Court of New Jersey, died at St. Augustine, Florida, whither he had gone on account of his health, on Monday, March 24th, 1873. Judge Vredenburgh was a son of Dr. Peter Vredenburgh, a physician of good standing in the County of Somerset. He was graduated at Rutgers College at New Brunswick in 1828, received the degree of A M. in 1831, and the Honorary degree of LL.D., in 1866. In 1849 he was elected a Trustee, and so continued till the time of his death. He was admitted to the bar in 1829, and settled at Freehold in Monmouth County, where he soon commanded a very large practice. In 1841 he was elected a member of the Legislative Council, and in 1854 was appointed a justice of the Supreme Court by Governor Price, and reappointed in 1862 by Governor Olden. He was a lawyer of eminent ability, a clear, original, and deep thinker, and his legal opinions are regarded as models of eloquence as well as learning and ability.

WILLIAM VAN DEURSEN.

At the time of his death, Dr. Van Deursen was the senior member of the Board of Trustees of Rutgers College, having been elected Nov. 14th, 1823. He was born at New Brunswick May 16th, 1791, and died here February 16th, 1873, being consequently, in his 82d year. He was graduated at Rutgers College in the class of 1809, and received the degree of A.M. in 1812. After completing his course of Medical study in New York, he served, for a while, as Physician and Surgeon in one of the City Hospitals. He then practiced his profession a short time at Imlaystown, Monmouth County; but presently removed again to his native city where he remained, one of its most useful and honored citizens, for a period of nearly sixty years. In 1815 he married Miss Hendrickson, of Monmouth County, who died many years ago. His second wife, previously Miss Martin of Piscataway, whom he married in 1853, survives him.

JOHN ROMEYN BRODHEAD.

John Romeyn Brodhead died in New York May 6th, 1873. He was born in Philadelphia, January 2d, 1814, was graduated at Rutgers College in 1831, admitted to the Bar in 1835, practiced law in New York for two years, and then devoted himself to the study of American History. In 1839 he was attached to the American Legation to the Hague. Having a knowledge of Dutch he was appointed by the New York Legislature to transcribe the original documents relating to the history of the State. Three years were spent in Holland, England, and France, in this service, and he obtained more than 5,000 separate documents. From 1846 to 1849 he was Secretary of the American Legation in London, and from 1853 to 1857 was Naval Officer in the city of New York. He published the first volume of his "History of the State of New York" in 1853, and the second in 1871. He received the degree of A.M. from his *alma mater* in 1834, and the Honorary degree of LL.D., in 1862. He was elected a Trustee of Rutgers College, April 12th, 1853, and served on the Board until the time of his death.

ABRAHAM OOTHOUT ZABRISKIE.

Chancellor Zabriskie was born at Greenbush, N. Y., June 10th, 1807. He died at Truckee, California, June 27th, 1873. When he was but two years old, his family removed to Millstone, N. J. He graduated at Princeton College in 1825, received there the degree of A.M., in 1828, and the Honorary degree of LL.D. in 1862. He was admitted to the bar in 1828, and with a brief interval practiced in Hackensack till 1849. From 1849 to 1866, he practiced his profession in Jersey City. In the latter year he was appointed Chancellor of the State of New Jersey, his term expiring in 1872. In 1873, he was appointed by Governor Parker a member of the Commission, authorized by the Legislature at its previous session, to propose amendments to the State Constitution, and was unanimously elected by his colleagues as President. In 1860, he received from Rutgers College the Honorary degree of LL.D. In 1863, he was elected a member of the Board of Trustees, but resigned in 1866 on being appointed Chancellor. In June, 1873, he was reelected to the Board, but died before taking his seat with it. He was a devoted friend to the Institution, and in his will gave $1000 to the College Library.

PETER D. VROOM.

This distinguished citizen of New Jersey was born at Hillsborough, Somerset County, December 12th, 1791, and died at Trenton November 18th, 1873. In 1808, at the age of seventeen, he was graduated at Columbia College, New York, after which he studied law at Somerville, N.J., and was admitted to the bar in 1813. He settled in Somerset County, and represented it in the State Legislature in 1827 and 1829. In the Fall of 1829 he was elected Governor at a joint meeting of the Legislature, and again in 1830 and 1831. He was again elected in 1833, and for the three terms succeeding, but finally declined in 1836. In 1837 he was appointed by President Van Buren, in conjunction with Murray of Maryland, and Randolph of Virginia, a commissioner to adjust the Indian claims in Mississippi. In 1838 he was elected to Congress. In 1844 he was one of the delegates from Somerset to the Constitutional Convention, and took an active part in its deliberations. In 1852 he was a Presidential Elector, casting his vote for Franklin Pierce of New Hampshire. Gov. Fort tendered him the appointment of Chief-Justice of the Supreme Court of New Jersey, but it was declined. President Pierce in 1854 appointed him Minister to Prussia, and he remained at Berlin until 1857, his course there giving much satisfaction to the Government. In 1861 he was a member of the Peace Convention at Washington and served on the Committee on the State of the Union. In 1864 he was appointed one of the Commissioners of the Sinking Fund of New Jersey. He was also Reporter of the Supreme Court, and published a number of volumes of reports. In 1868 he was again a Presidential Elector, casting his vote for Horatio Seymour. He was twice honored with the title of LL.D., first from Columbia College in 1837, and, 20 years later, from the College of New Jersey, at Princeton. He has been a Trustee of Rutgers College since 1828, and after Dr. Van Deursen's death was the oldest member of the Board.

JAMES RUSSEL CHRISTIE.

James Russel Christie was born October 11th, 1809, and died at Warwick, N. Y., May 5th, 1873. He was graduated at Rutgers College in 1828, in the class with Judge Vredenburgh, and received the degree of A.M. in 1831. He was licensed for the bar, but after a practice of a few years in the city of New York, he left the profession. His attention was mostly given to literature, and he was much esteemed by those who knew him, for his scholarship and his christian deportment. A friend says of him: "He had the entire confidence of the community. While living, his presence discouraged vice and encouraged virtue. He was liberal to the poor."

GRAMMAR SCHOOL.

REV. DEWITT T. REILEY, A.M., RECTOR.
ROBERT S. WOODRUFF, JR., A.M., PRINCIPAL.

This School prepares boys for the Classical and Scientific departments of the College, for business, or affords a High School course.

It is situated in New Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is within one block of the Railroad Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain in the building until the train starts. The *Building* is large and commodious, well ventilated, with an abundance of room for recitation, drill, gymnasties, cabinets, etc., affording accommodation for two hundred students.

The following is a brief Schedule of the Classes and studies:

PREPARATORY DEPARTMENT.

Reading; Spelling; Arithmetic, through Division; Grammar, Elementary; Geography, with map drawing; Botany; Writing; Drawing; Singing; Object Lessons; Composition; Declamation; Gymnastics.

Instruction in Natural Science, through Lectures by Rev. S. Lockwood, Ph.D. Boys finish this department when about twelve years of age.

GRAMMAR SCHOOL DEPARTMENT.

V. CLASS.—Arithmetic, to Addition of Fractions; Reading; Writing; Geography, Intermediate begun; Spelling; Grammar, Elementary; History of the United States; Vocal Music; Natural Science, by oral instruction.

IV. CLASS.—Arithmetic, through Fractions and review; Reading; Writing; Geography, Intermediate finished; Spelling; Grammar, Elementary finished; Latin begun; History of the United States; Vocal Music; Natural Science, by oral instruction.

COLLEGE CLASSES.

III. CLASS.—Arithmetic, through Interest; Latin Grammar and Reader begun; Composition, Fischer's Manual, First Book; German begun; Geography, Common School; History of the United States; Grammar; Natural History and Familiar Science by Lectures; Mental Arithmetic; Reading; Writing; Spelling.

II. Class.—Arithmetic finished; Latin Reader finished, equivalent to six books of Cæsar; Cicero begun; Fischer's Manual Second Book, Greek Grammar and Lessons, and two books of the Anabasis; Grammar; History of England; Natural History and Technology by Lectures; German; Reading; Writing; Spelling.

I. Class.—Latin: Cicero finished, Sallust's Catiline, Virgil, Fischer's Manual; Greek: Anabasis, three books finished, Iliad, three books; Algebra: Geometry; Review of Elementary Studies; Geology and Agricultural Zoology by Lectures.

BUSINESS CLASSES.

B. Class.—Arithmetic, through Interest; Mental Arithmetic; Book-keeping; History of the United States; Grammar; Geography, Common School; Natural History and Familiar Science by Lectures; German; Reading, Writing, Spelling.

A. Class.—Arithmetic finished; Algebra; Book-keeping; Commercial Law; History of England; Constitution of the United States; German; French; Natural Philosophy; Physiology; Natural History and Technology by Lectures; Grammar; Reading; Writing; Spelling.

HIGH SCHOOL CLASS.

H. Class.—Geometry; Algebra; English Literature and Rhetoric; Political Economy; Physical Geography; General History; Chemistry; Botany; Geology and Agricultural Zoology by Lectures; German; French.

Composition, Elocution, Gymnastics and Military Drill in all the classes throughout the year. The studies in all the classes are compulsory, unless the student is excused by personal application of parents or guardians. The pupil usually remains in each class one year.

Scholars are received into the School at any time, and assigned to the class which they are qualified to enter. After leaving the Fourth Class, the scholar chooses the Business or Classical Course. In each there are three classes. At the end of the course the pupil is prepared to enter the Classical or Scientific department of the College.

Classical Course.—Latin is begun in the Fourth Class, and studied during the four years. Greek is studied during two years. *Young men*, however, who are able and diligent, can, by great effort, prepare for College in less time, and special provision and extra teachers are provided for such. No young man, however, should make the attempt unless absolutely compelled to do so. Moreover, attention to English studies, including the English Language, and lectures upon Technology and Natural History give variety to the education of the classical student.

The Business Course.—This comprises two years in the A and B Classes. The instruction is intended to furnish the best practical knowledge of business that is possible in the time allowed. Book-keeping is taught throughout the course, continual practice being required in this, and the business forms. Commercial Law is given in the form of lectures. Commercial Arithmetic is taught with special regard to accuracy and rapidity. Algebra, History, Physiology, Constitution of the United States, Natural History, Natural Philosophy, and the German and French Languages, are parts of the course. A course of lectures on Technology familiarizes the student with the progress of the useful arts and inventions, and the meaning and use of scientific terms.

High-School Course.—The instruction will be in studies more general than in the Business Course. Geometry, Chemistry, Botany, Political Economy, German and French, English Language and Literature, and General History will be studied during this year. The students of this class will share in all the general exercises of the School, and will be fitted at the end of the year to enter the Scientific School.

Physical Training.—This consists in Military Drill, Calisthenics and Gymnastics, which are practiced every day, under an experienced teacher.

General.—The best maps, charts and diagrams are used in the school. A cabinet of Geology and Natural History has been secured, and will be largely increased. The Rutgers College Cabinets of Natural History are also open to the students, and visits to them are made occasionally by each class, under the direction of a teacher of Natural History. A library of books of reference is being collected, and may be used by all. The school will accommodate two hundred students, whose condition, progress in study, etc., is made known to their parents by weekly or monthly reports.

Preparatory Department.—A Preparatory Department for boys from six to twelve years of age, is under the charge of a lady teacher. This department is entirely separate from the Grammar School. It is provided with models, maps and charts, and has the use of the Cabinet of Natural History for object teaching. It has the benefit of the Gymnasium and Apparatus belonging to the Grammar School, and the other teachers are employed in it as far as necessary.

The object of this department is to give boys a systematic course of instruction from the beginning, and to prepare them to enter the regular classes of the Grammar School at the proper time.

Natural Science.—In answer to many inquiries in regard to this course we would say that it has been adapted to the best of our ability to the requirements of the times and the necessities of the pupil. It is

begun in the Preparatory department by teaching the facts and observations of natural phenomena. This is continued in the Grammar School in the study of familiar science, Zoology and Natural History, the most interesting things in the Vegetable and Mineral world, and the structure of the earth. To this is added the useful arts. This part of the course is entirely in the form of Lectures, illustrated by specimens. In the higher classes, brief text books are used in some of the departments of Natural Science. Every attempt is made to encourage the taking of notes in the lowest classes.

The department is under the charge of the Rev. S. Lockwood, Ph.D., well known in this country as a Naturalist, and on both sides of the ocean as an original observer.

Attendance.

The hours of attendance are from 8.30 A. M. to 1.30 P. M. For absence, tardiness, or failure in recitations, *written* excuses are expected from parents or guardians.

Calendar.

First Quarter begins, - - - - - - -	September 4th.
Second " " - - - - - - -	November 13th.
Third " " - - - - - - - -	January 29th.
Fourth " " - - - - - - - -	April 9th.

Recess during Christmas week.

Terms for Day Pupils.

Preparatory Department, - - -	$ 9 per quarter of ten weeks.
4th, 5th and B Classes, - - -	13 " " " " "
A Class, - - - - - - -	14 " " " " "
H Class, - - - - - - -	15 " " " " "
3d College, - - - - - - -	16 " " " " "
1st and 2d College, - - - -	18 " " " " "

The tuition is to be paid at the beginning of each quarter. No deduction for absence, unless occasioned by protracted sickness, extending over half a quarter, when the loss will be shared equally between the parents and the School. Pupils will be charged from the time of entrance.

Boarding Pupils.—Connected with the School is a large and pleasantly situated dwelling, with eight acres of ground attached, under the immediate charge of the Rector.

Terms.—Board, Tuition, Fuel and Light, $100 per quarter of ten weeks. No extras, except for washing, attendance of a physician, and studies not in the regular course.

Each pupil must bring napkins, towels, napkin-ring, fork and spoon (plated), umbrella, overshoes. *All articles must be marked with the full name.* Payments made on the same conditions as by day scholars.

Triennial Catalogue.

Graduates of the College and others, who may find errors or deficiencies in the last Triennial Catalogue, are urgently requested to send the proper corrections to the President of the College in order that they may be incorporated in the next edition.

Old Catalogues.

The College Library is in want of early issues of the Annual Catalogue with which to make up a few sets for binding. Friends who may have copies which they are willing to spare for such a purpose, will confer a particular favor by sending them to the Librarian.

Necrology.

Any facts respecting deceased graduates or students of the College, which will help to make the annual obituary notices more complete will be thankfully received at any time, and may be sent to the President or Librarian.

Form of Bequest.

A form of bequest is appended, in the hope that the friends of education will remember the College, and aid the earnest efforts of its friends, to make it as widely and as largely useful as possible. As long as it continues to prosper and enlarge, an increase of funds will be needed.

Bequest.

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, for the maintenance and support of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, to endow a Professorship of.....in said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, to increase the Library of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, to increase the Philosophical Apparatus of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey .....Dollars, for the endowment of the Grammar School of said College.